

#### ABSTRACT OF THE DISCLOSURE

An image processing system includes a reference exposure section, a developing section, a film scanner, and an image processing apparatus. The reference exposure part carries out reference exposure by R light, G light, B light and gray light, by using an unexposed area of a photographic film as a reference exposure area, in order to form image information to be used for determining image processing conditions. The film scanner reads the reference exposure area developed by the developing section. A control section of the image processing apparatus calculates the image processing conditions, such as color correction conditions, from read data of the reference exposure area. An image processing section carries out image processing of frame images recorded on the photographic film, according to calculated image processing conditions.